

HOGAN & HARTSON L.L.P.

500 SOUTH GRAND AVENUE
SUITE 1900
LOS ANGELES, CA 90071

Tel.: (213) 337-6700
Fax: (213) 337-6701

**RECEIVED
CENTRAL FAX CENTER**

MAY 25 2006

BALTIMORE
BEIJING
BERLIN
BOULDER
BRUSSELS
BUDAPEST
CARACAS
COLORADO SPRINGS
DENVER
GENEVA
HONG KONG
LONDON
LOS ANGELES
MIAMI
MOSCOW
MUNICH
NEW YORK
NORTHERN VIRGINIA
PARIS
SHANGHAI
TOKYO
WARSAW
WASHINGTON, D.C.

IMPORTANT NOTICE
TELECOPY/FACSIMILE COVER LETTER

TO: Office of Initial Patent Examination's
Filing Receipt Corrections

DATE: 5/25/2006

FROM: Reynaldo F. Gallardo

TIME: 3:33 PM

TOTAL NO. OF PAGES, INCLUDING COVER: 11

The attached information is **CONFIDENTIAL** and is intended only for the use of the addressee(s) named above. If the reader of this message is not the intended recipient(s) or the employee or agent responsible for delivering the message to the intended recipient(s), please note that any dissemination, distribution or copying of this communication is strictly prohibited. Anyone who receives this communication in error should notify us immediately by telephone and return the original message to us at the above address via the U.S. Mail.

MESSAGE:

417
U.S. Patent Application No.: 10/532,471 **Our Ref. No.: 81784.0326**

This is to follow-up on our request to correct "Filing Receipt" on 02/06/06 (copy attached). Please note that in the "Title Section," the Title is incorrect and it should read as follows: **"IMAGE PICKUP DEVICE WHICH COMBINES IMAGE SIGNALS OF A PLURALITY OF SYSTEMS AND OUTPUTS A COMBINED SIGNAL."**

Attached for your reference the documents that we filed on 04/22/05. Please provide us with the Corrected Filing Receipt as soon as possible. Thank you.

FOR INTERNAL PURPOSES ONLY

TELECOPY/FAX NUMBER: 571-273-8300
CLIENT NUMBER: 81784.0326
ATTORNEY BILLING NUMBER: Reynaldo F. Gallardo
CONFIRMATION NUMBER: 213-337-6701

BEST AVAILABLE COPY



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

SANDY FARR / JPS

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/632,417	04/22/2005	2612	900	81784.0326	4	6	1

CONFIRMATION NO. 1778

26021
HOGAN & HARTSON L.L.P.
500 S. GRAND AVENUE
SUITE 1900
LOS ANGELES, CA 90071-2611

FILING RECEIPT

10000000017275748
"OC000000017275748"

Date Mailed: 10/20/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Takashi Tanimoto, Gifu, JAPAN;

Power of Attorney: The patent practitioners associated with Customer Number 26021.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP03/14971 11/25/2003

Foreign Applications

JAPAN 2002-342659 11/26/2002

Projected Publication Date: 01/26/2006

Non-Publication Request: No

Early Publication Request: No

Title

" Image pickup device having a plurality of solid-state image pickup elements "

Correct Title: Image pickup device which combines image signals
of a plurality of systems and outputs a

RECEIVED

OCT 27 2005

DOCKETING

Preliminary Class
348

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process simplifies the filing of patent applications on the same invention in member countries, but **does not result in a grant of "an international patent"** and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject

matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

HOGAN & HARTSON LLP500 SOUTH GRAND AVENUE
SUITE 1900
LOS ANGELES, CA 90071

Tel.: (213) 337-6700

Fax: (213) 337-6701

FILFBALTIMORE
BEIJING
BERLIN
BOULDER
BRUSSELS
BUDAPEST
CARACAS
COLORADO SPRINGS
DENVER
GENEVA
HONG KONG
LONDON
LOS ANGELES
MIAMI
MOSCOW
MUNICH
NEW YORK
NORTHERN VIRGINIA
PARIS
SHANGHAI
TOKYO
WARSAW
WASHINGTON, D.C.**IMPORTANT NOTICE**
TELECOPY/FACSIMILE COVER LETTERTO: Office of Initial Patent Examination's
Filing Receipt Corrections

DATE: 2/6/2006

FROM: Mr. Reynaldo F. Gallardo

TIME: 5:18 PM

TOTAL NO. OF PAGES, INCLUDING COVER: 7 pages

The attached information is **CONFIDENTIAL** and is intended only for the use of the addressee(s) named above. If the reader of this message is not the intended recipient(s) or the employee or agent responsible for delivering the message to the intended recipient(s), please note that any dissemination, distribution or copying of this communication is strictly prohibited. Anyone who receives this communication in error should notify us immediately by telephone and return the original message to us at the above address via the U.S. Mail.

MESSAGE:

Please note the error on the attached Filing Receipt on the Title Section is wrong. The correct title: **"IMAGE PICKUP DEVICE WHICH COMBINES IMAGE SIGNALS OF A PLURALITY OF SYSTEMS AND OUTPUTS A COMBINED SIGNAL."** Attached for your reference the documents that we filed on April 22, 2005. Please provide us with the Corrected Filing Receipt as soon as possible.

FOR INTERNAL PURPOSES ONLY

TELECOPY/FAX NUMBER: 571-273-8300

CLIENT NUMBER: 81784.0326

ATTORNEY BILLING NUMBER: Reynaldo F. Gallardo

CONFIRMATION NUMBER: 213-337-6701

FILE**Confirmation Report - Memory Send**

Page : 001
 Date & Time: Feb-06-06 17:20
 Line 1 :
 Line 2 : 213-337-6701
 Machine ID : HOGAN & HARTSON

Job number : 273
 Date : Feb-06 17:17
 To : 915712738300#3719
 Number of pages : 008
 Start time : Feb-06 17:17
 End time : Feb-06 17:20
 Pages sent : 008
 Status : OK
 Job number : 273

***** SEND SUCCESSFUL *****

HOGAN & HARTSON L.L.P.
 500 SOUTH GRAND AVENUE
 SUITE 1900
 LOS ANGELES, CA 90071

Tel: (213) 337-6700
 Fax: (213) 337-6701

IMPORTANT NOTICE
TELECOPY/FACSIMILE COVER LETTER

BALTIMORE
 BEIJING
 BERLIN
 BOULDER
 BRUSSELS
 CHICAGO
 CINCINNATI
 COLORADO SPRINGS
 DENVER
 GENEVA
 HONG KONG
 LONDON
 LOS ANGELES
 MIAMI
 MOSCOW
 MUNICH
 NEW YORK
 NORTHMAN VIRGINIA
 PARIS
 SHANGHAI
 TOKYO
 WARSAW
 WASHINGTON, D.C.

TO: Office of Initial Patent Examination's
Filing Receipt Corrections
 FROM: Mr. Reynaldo F. Gallardo

DATE: 2/6/2006
 TIME: 4:52 PM

TOTAL NO. OF PAGES, INCLUDING COVER: 7 pages

The attached information is **CONFIDENTIAL** and is intended only for the use of the addressee(s) named above. If the reader of this message is not the intended recipient(s) or the employee or agent responsible for delivering the message to the intended recipient(s), please note that any dissemination, distribution or copying of this communication is strictly prohibited. Anyone who receives this communication in error should notify us immediately by telephone and return the original message to us at the above address via the U.S. Mail.

MESSAGE:

Please note the error on the attached Filing Receipt on the Title Section is wrong. The correct title: **"IMAGE PICKUP DEVICE WHICH COMBINES IMAGE SIGNALS OF A PLURALITY OF SYSTEMS AND OUTPUTS A COMBINED SIGNAL."** Attached for your reference the documents that we filed on April 22, 2005. Please provide us with the Corrected Filing Receipt as soon as possible.

FOR INTERNAL PURPOSES ONLY

TELECOPY/FAX NUMBER: 703-746-9195
 CLIENT NUMBER: 81784-0226
 ATTORNEY BILLING NUMBER: Reynaldo F. Gallardo
 CONFIRMATION NUMBER: 213-337-6701

PATENT
Attorney Docket No: 81784.0326

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Takashi TANIMOTO

Serial No: Not assigned

Filed: April 22, 2005

For: Image Pickup Device Which Combines Image Signals of
a Plurality of Systems and Outputs a Combined Signal

Art Unit: Not assigned

Examiner: Not assigned

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL
"Express Mail" Mailing Label No. EV 548 040 798 US
Date of Deposit: April 22, 2005

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- ☒ two copies of a letter of transmittal
- ☒ check in amount of \$ 1000.00 as filing fee
- ☒ check in amount of \$ 40.00 as assignment recordation fee
- ☒ patent application (23 page(s) of specification; 6 claim(s); 1 page(s) of abstract
- ☒ 4 sheet(s) of formal drawings
- ☒ executed Declaration and Power of Attorney
- ☒ assignment of the invention to SANYO ELECTRIC CO., LTD.
- ☒ Information Disclosure Statement with 2 references
- ☒ return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Date: April 22, 2005

Hogan & Hartson, LLP
500 South Grand Avenue, Suite 1900
Los Angeles, California 90071
Telephone: 213-337-6700
Facsimile: 213-337-6701

Christopher Boström
Name of person mailing papers
Christopher Boström
Signature

PCT Applicant's Guide - Volume II - National Chapter - US

Annex US.II, page 1

FORM PTO-1390 (REV 1-98)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 81784.0326	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NUMBER (if known, see 37 C.F.R. 1.5) Not assigned	
INTERNATIONAL APPLICATION NO. PCT/JP2003/014971		INTERNATIONAL FILING DATE 25 November 2003 (11/25/03)		PRIORITY DATE CLAIMED 26 November 2002 (11/26/02)	
TITLE OF INVENTION		Image Pickup Device Which Combines Image Signals of a Plurality of Systems and Outputs a Combined Signal			
APPLICANT(S) FOR DO/EO/US		Takashi TANIMOTO			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). <input checked="" type="checkbox"/> has been transmitted by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). <input type="checkbox"/> have been transmitted by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 					
Items 11. to 16. below concern document(s) or information included:					
<ol style="list-style-type: none"> <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. <input type="checkbox"/> A FIRST preliminary amendment <ol style="list-style-type: none"> <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A change of power of attorney and/or address letter. <input type="checkbox"/> Other items or information: 					

Transmittal Letter to the United States Designated Office (DO/US)—Entry Into National Stage under 35 U.S.C. 371—PTO 1390 [13-71]

- 1 -

DESCRIPTION

IMAGE PICKUP DEVICE WHICH COMBINES IMAGE SIGNALS OF A
PLURALITY OF SYSTEMS AND OUTPUTS A COMBINED SIGNAL

5

Technical Field

The present invention relates to an image pickup
device which images a plurality of object images by using a
plurality of solid-state image pickup elements, combines
10 image signals of a plurality of systems obtained thereby and
outputs a combined signal.

Background Art

In an image pickup device such as a digital still
15 camera, there have been considered mounting a plurality of
solid-state image pickup elements in order to image a
plurality of object images, combining image signals of a
plurality of systems obtained thereby and displaying a
combined signal on a common display screen (see Japanese
20 Application: Japanese Patent Application Laid-open No. 64-
62974).

Such an image pickup device is constituted as shown
in, e.g., FIG. 4, and comprises a first solid-state image
pickup element 1a and a first signal processing circuit 2a
25 as a first image pickup system, a second solid-state image
pickup element 1b and a second signal processing circuit 2b
as a second image pickup system, and a switch circuit 3 and

PATENT
81784.0326

Express Mail Label No. EV 548 040 798 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Takashi TANIMOTO

Serial No: Not assigned

Filed: April 22, 2005

For: Image Pickup Device Which Combines
Image Signals of a Plurality of Systems
and Outputs a Combined Signal

Art Unit: Not assigned

Examiner: Not assigned

TRANSMITTAL OF
INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sirs:

1. ☒ The information disclosure statement submitted herewith is being filed within three months of the filing date of the application other than a continued prosecution application, or within three months of the date of entry into the national stage of an international application, or before the mailing date of a first Office Action on the merits, or before the mailing of a first Office action after the filing of a request for continued examination under §1.114, whichever event occurs last. 37 C.F.R. §1.97(b).
2. ☐ The information disclosure statement transmitted herewith is being filed *after* the period specified in §1.97(b), but *before* the mailing date of a final action under §1.113, or a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, whichever occurs first. A statement specified in §1.97(e) or a fee set forth in §1.17(p) is included. 37 C.F.R. §1.97(c).

§1.97(e) STATEMENT

I, the person signing below, state:

- ☐ that each item of information contained in the information disclosure statement was first cited in the attached communication from a foreign patent office in a counterpart foreign application and that the communication is dated not more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(1).

OR

- ☐ that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

(1) Takashi TANIMOTO

(5)

(2)

(6)

(3)

(7)

(4)

(8)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert name of Assignee

(9) SANYO ELECTRIC CO., LTD.

(10) Insert state of Incorporation of Assignee

(10) Japan

(11) Insert address of Assignee

(11) of 5-5, Keihan-Hondori 2-chome, Moriguchi City, Osaka 570-8677, Japan (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

(12) Insert identification of Invention, such as Title, Case Number or Foreign Application Number

(12) IMAGE PICKUP DEVICE WHICH COMBINES IMAGE SIGNALS OF A PLURALITY OF SYSTEMS AND OUTPUTS A COMBINED SIGNAL

for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.

(13) Insert Date of Signing of Application

(13) on February 14, 2005

1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

6) The undersigned hereby appoints STUART LUBITZ, Reg. No. 20,680; LOUIS A. MOK, Reg. No. 22,585; JOHN P. SCHERLACHER, Reg. No. 23,009; WILLIAM J. KUBIDA, Reg. No. 29,664; STUART T. LANGLEY, Reg. No. 33,940; MICHAEL BYORICK, Reg. No. 34,131; CAROL W. BURTON, Reg. No. 35,465; STEVEN C. PETERSON, Reg. No. 36,238; WILLIAM H. WRIGHT, Reg. No. 36,312; STEVEN K. BARTON, Reg. No. 36,445; DAVID LUBITZ, Reg. No. 38,229; WEI-NING YANG, Reg. No. 38,690; SARAH S. O'ROURKE, Reg. No. 41,226; E. MATTHEW G. DYOR, Reg. No. 42,278; and YING CHEN under 37 C.F.R. § 10.9(b) the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: February 14, 2005 Signature of Inventor Takashi Tanimoto

Date: _____ Signature of Inventor _____

Date: _____ Signature of Inventor _____

Date: _____ Signature of Inventor _____

whw
20114710001
CC250538.1

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☒ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.